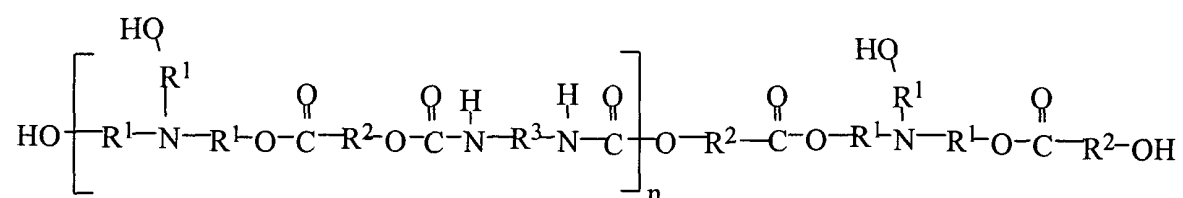


with a C₂ to C₂₅ acid optionally having at least one free hydroxyl group or a triglyceride comprising C₁₀ to C₂₅ fatty acids optionally having at least one free hydroxyl group under conditions effective to produce a trialkanolamine mono-, di- or trifatty acid ester and then reacting said trialkanolamine fatty acid ester with a C₄ to C₂₄ diisocyanate to produce a polyurethane trialkanolamine fatty acid ester.

2. (Amended) The composition according to claim 1 having the chemical formula I:



Formula I

wherein R¹ is a C₂ to C₁₂ saturated or unsaturated, linear, branch-chained, cyclic or aromatic hydrocarbon group which is either unsubstituted or substituted with a pendant hydroxyl group, but is preferably unsubstituted;

R² is a C₁ to C₂₄ saturated or unsaturated, linear, branch-chained, cyclic or aromatic hydrocarbon

group wherein said hydrocarbon group may be a phenyl or benzyl group or substituted phenyl or benzyl group, an alkylphenyl, alkylbenzyl or a substituted alkylphenyl or alkylbenzyl group;

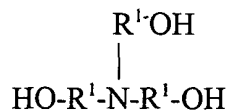
R³ is a C₂ through C₂₂ linear, cyclic or branch-chained saturated or unsaturated hydrocarbon group which is substituted or unsubstituted, an aromatic group, including a phenyl or benzyl group or substituted phenyl or benzyl group, an alkylphenyl, alkylbenzyl or substituted alkylphenyl or alkylbenzyl group; and

n is an integer from 2 to 5,000.

14. (Amended) A polymeric composition for use in personal care products produced by

the process of:

- a. reacting a trialkanolamine according to the general structure:



with a C₂ to C₂₅ acid optionally having at least one free hydroxyl group or a triglyceride comprising C₁₀ to C₂₅ fatty acids optionally having at least one free hydroxyl group under conditions effective to produce a trialkanolamine mono-, di- or trifatty acid ester;

b. reacting said trialkanolamine fatty acid ester according to step a with a C₄ to C₂₄ diisocyanate under conditions effective to cause polymerization of said ester with said diisocyanate to produce a polyurethane trialkanolamine fatty acid ester; and

c. reacting said polyurethane trialkanolamine fatty acid ester according to step b with a quaternizing agent to produce a polyurethane trialkanolamine fatty acid ester quat.

30. (Amended) The composition according to claim 29 57 wherein R¹ is an unsubstituted hydrocarbon group.

31. (Amended) The composition according to claim 29 57 wherein R² is a C₉ to C₂₄ hydrocarbon group.

32. (Amended) The composition according to claim 29 57 wherein R³ is a C₆ to C₁₂ hydrocarbon group.

38. (Amended) The composition according to claim 37 58 wherein R⁴ is selected from the group consisting of methyl, ethyl, propyl, benzyl, phenyl, alkyl benzyl, ethyl, propyl, benzyl, phenyl, alkyl benzyl, allyl methyl and allyl.

39. (Amended) The composition according to claim 37 58 wherein R⁵ is selected from the group consisting of anionic chloride, bromide, iodide, fluoride, carboxylate, mono- or dianionic sulfate and mono-, di- and tri-anionic phosphate.

41. (Amended) The composition according to claim ~~37~~ 58 wherein R¹ is an unsubstituted hydrocarbon group.

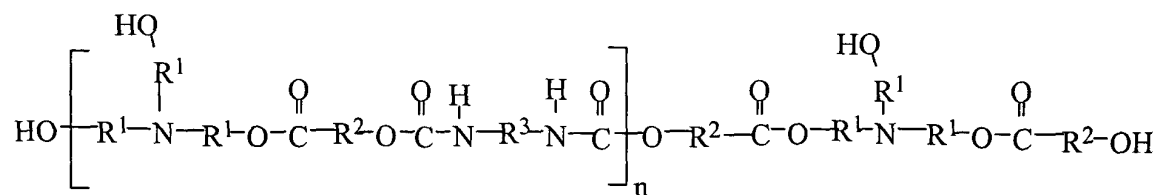
42. (Amended) The composition according to claim ~~37~~ 58 wherein R² is a C₉ to C₂₄ hydrocarbon group.

43. (Amended) The composition according to claim ~~37~~ 58 wherein R³ is a C₆ to C₁₂ hydrocarbon group.

44. (Amended) The composition according to claim ~~37~~ 58 wherein R³ is an isophorone group.

Please add the following new claims 57 and 58.

57. (New) A composition having the chemical formula I:

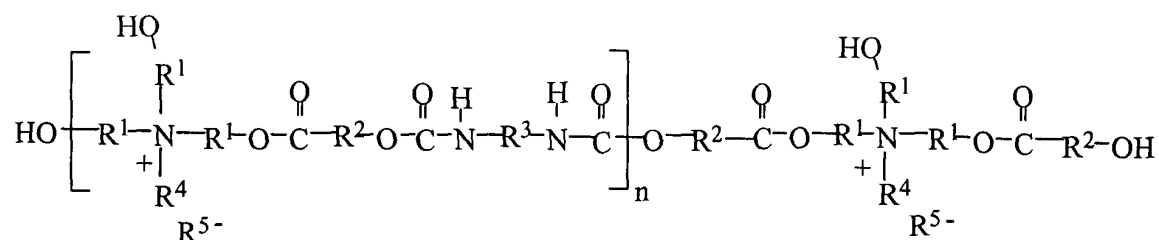


Formula I

wherein R¹ is a C₂ to C₁₂ saturated or unsaturated, linear, branch-chained, cyclic or aromatic hydrocarbon group which is either unsubstituted or substituted with a pendant hydroxyl group; R² is a C₁ to C₂₄ saturated or unsaturated, linear, branch-chained, cyclic or aromatic hydrocarbon group wherein said hydrocarbon group may be a phenyl or benzyl group or substituted phenyl

or benzyl group, an alkylphenyl, alkylbenzyl or a substituted alkylphenyl or alkylbenzyl group;
 R^3 is a C_2 through C_{22} linear, cyclic or branch-chained saturated or unsaturated hydrocarbon group which is substituted or unsubstituted, an aromatic group, including a phenyl or benzyl group or substituted phenyl or benzyl group, an alkylphenyl, alkylbenzyl or substituted alkylphenyl or alkylbenzyl group; and
 n is an integer from 2 to 5,000.

58. A composition having the chemical formula II:



Formula II

wherein R^1 is a C_2 to C_{12} saturated or unsaturated, linear, branch-chained, cyclic or aromatic hydrocarbon group which is either unsubstituted or substituted with a pendant hydroxyl group,
 R^2 is a C_1 to C_{24} saturated or unsaturated, linear, branch-chained, cyclic or aromatic hydrocarbon group wherein said hydrocarbon group may be a phenyl or benzyl group or a substituted phenyl or benzyl group, an alkylphenyl, alkylbenzyl or a substituted alkylphenyl or alkylbenzyl group;
 R^3 is a C_2 through C_{22} (preferably, C_6 through C_{12}) linear, cyclic or branch-chained saturated or unsaturated hydrocarbon group which is substituted or unsubstituted, an aromatic group, including a phenyl or benzyl group or substituted phenyl or benzyl group, an alkylphenyl, alkylbenzyl or substituted alkylphenyl or alkylbenzyl group;
 R^4 is a quaternizing group;
 R^5 is a counterion to the quaternizing group; and